

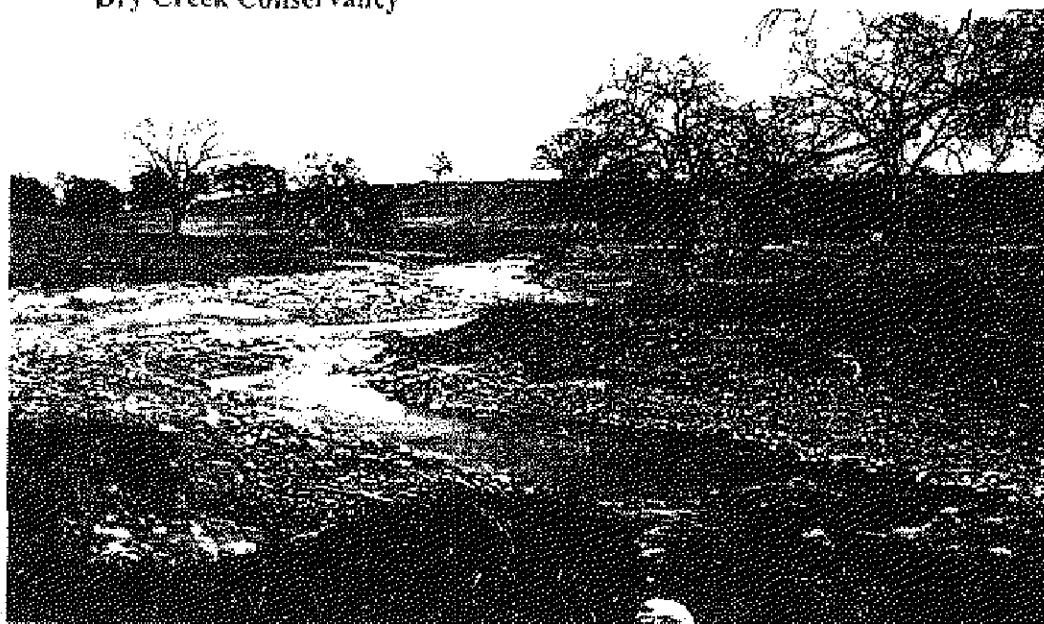
**CALFED
BAY-DELTA
PROGRAM**

JUL 28 1997

Category III

Proposal for the Development of the Dry Creek Watershed Management Plan, Placer and Sacramento Counties

Submitted by:
Placer County
and
Dry Creek Conservancy



EXECUTIVE SUMMARY

PROJECT TITLE:

Dry Creek Watershed Management Plan,
Placer And Sacramento Counties

APPLICANT:

Placer County and the Multi-Agency
Members of the Dry Creek Conservancy

APPROACH/TASK/SCHEDULE:

The Dry Creek Watershed Management Plan
will:

- Examine the impacts and recommend corrective actions from *urbanization* on a 101 square mile watershed.
- Develop goals and objectives to protect and restore two priority species - *late fall-run salmon and Steelhead Trout*, and three priority habitats - *seasonal wetlands and aquatic habitat, instream aquatic habitat and shaded riverine aquatic habitat*.
- Provide an adaptive plan for one of the fastest growing regions in California.
- Coordinate the efforts of numerous stakeholders.
- Recommend measures which in result improvement of downstream habitats and water quality.

The Dry Creek watershed management Plan will accomplish its goals over a **two year period** by:

- Task No. 1: Project Initiation - Data Gathering
- Task No. 2: Develop Goals and Objectives
- Task No. 3: Baseline Analysis Report
- Task No. 4: Develop and Evaluate Alternatives
- Task No. 5: Prepare Master Plan

JUSTIFICATION FOR PROJECT AND FUNDING PROVIDED BY CALFED:

The Dry Creek Watershed Master Plan is a necessary element to address the impacts on an urbanizing watershed and to improve the ecological health of the Bay-Delta Region. Since this plan is a multi-county, multi-agency coordinated effort, and because implementing the plan will improve a regional ecosystem, CALFED represents the best source of funding.

Under the administration of the Placer County Planning Department, in cooperation with the members of the Dry Creek Conservancy, this plan will provide long-term durable benefits:

- Integration of various land use, recreational, flood plain, wildlife and habitat planning efforts
- Increased public awareness of watershed ecology.
- Improved down stream water quality, improved food web and improved habitat health
- Consistent multi-jurisdictional planning and zoning
- Coordinated volunteer efforts

BUDGET COSTS AND THIRD PARTY IMPACTS:

The proposed budget is **\$281,100.00** for a two year program to develop a Dry Creek Watershed Management Plan.

The third party impacts resulting from a Dry Creek Watershed Management Plan may:

- Effect land use and zoning regulations and impact property values.
- Increase recreational use along restored sections of the creeks.

- Provide Placer and Sacramento Counties with a model for watershed management in other basins.
- Provide CALFED and the Bay-Delta Program with a model for watershed management and public participation in other urbanizing watersheds.

APPLICANT QUALIFICATIONS:

The Dry Creek Watershed Management Plan will be administered by the Placer County Planning Department in conjunction with the multi-agency Dry Creek Conservancy. The Placer County Planning Department oversees growth and natural resource protection of one of the fastest growing regions in California. The department is staffed by experienced planners and managers who have demonstrated the ability to protect and restore natural resources in an urbanizing county.

The Dry Creek Conservancy represents federal, state and local agencies, and public interest groups with interests in the Dry Creek Watershed. Among its members are the City of Sacramento, Placer County, the City of Roseville and U.S. Fish and Wildlife Service.

The resource and planning agencies who have aligned themselves as stakeholders in the Dry Creek Watershed are all experienced managers and planners committed to improving the ecological health and water quality of Dry Creek and its tributaries.

MONITORING AND DATA EVALUATION:

This proposal for a watershed plan includes minimal monitoring and data evaluation. The one on-going multi-benthic organism monitoring program conducted by members of the Dry Creek Conservancy may continue as

an innovative monitoring program. This monitoring, known as "Rapid Bio-Assessment", monitors water quality by collecting benthic organisms. These data are cataloged and statistically analyzed as an indicator of habitat health and stream water quality.

LOCAL SUPPORT/ COORDINATION WITH OTHER PROGRAMS AND COMPATIBILITY WITH CALFED OBJECTIVES:

Placer County Planning Department, with the approval of the Placer Board of Supervisors, will administer a multi-agency effort to prepare the Dry Creek Watershed Master Plan. The cooperative effort includes:

- National Park Service
- California Department of Water Resources
- California Department of Fish and Game
- Sacramento County
- City of Roseville
- Placer County Flood Control District
- Dry Creek Conservancy

This planning effort is compatible with CALFED objectives because it addresses the ecological health of a regional ecosystem, Dry Creek Watershed, and will improve the water quality and food web the Delta Basin. The plan addresses urbanization as a primary stressor, focuses on two priority species and three priority habitats.

DRY CREEK WATERSHED MANAGEMENT PLAN

Applicant: County of Placer
Department - Planning

Responsible Individual and Title -
Fred Yeager - Placer County Planning Director

Address c/o Placer County Planning Department
11414 B Avenue, Auburn, California 95603

Phone (916) 889-7470 Fax: (916)
e-mail N/A

In cooperation with the members of the:

Dry Creek Coordinated Resource Management and
Planning Group

Type of Organization and Tax Status - County Government - Exempt

Tax Identification Number: Federal 94-6000527
State 69-0930630

**Technical and Financial Contact Person, address, phone/fax/e-mail if
different from above.**

Holly Heinzen - County Executive's Office
175 Fulweiler Avenue, Auburn, California 95603
(916) 889-4030

Participants/Collaborators in Implementation.

See attached list of CWMP participants

RFP Project Group Types

Group 3. Services: Watershed Management Plan

III. PROJECT DESCRIPTION

a. Project Description and Approach

The Dry Creek Watershed Management Plan will provide a long-term comprehensive adaptive management plan to improve the ecological health of the Dry Creek Watershed and contribute to the ecological and water quality improvement of the Bay-Delta Region.

Dry Creek Watershed in Placer and Sacramento Counties is one of the fastest urbanizing areas in California. *Urbanization as a primary stressor has affected late-fall run Chinook Salmon, Steelhead Trout, seasonal wetland and aquatic habitat, instream habitat and shaded riverine habitat.*

The Dry Creek Watershed Management Plan will identify management goals and objectives; implement monitoring and data evaluation; quantify biological data; offer planning guidance and recommendations, and submit findings to the CALFED Bay-Delta Program. To preserve and restore priority habitat and species and generate a workable watershed plan, the Dry Creek Watershed management planning process will involve public agencies, non-profit organizations, volunteers and professional natural resource consultants.

The Dry Creek Watershed Plan will succeed because a Memorandum of Understanding (MOU) forming the *Dry Creek Watershed Coordinated Resources Management Group* (CRMP) exists between the following resource agencies to manage and improve the watershed's ecological resources and water quality:

- Placer County
- City of Roseville
- U.S. Fish and Wildlife Service

- Placer County RCD
- Placer County Flood Control Agency
- Rio Linda Recreation & Park District
- Dry Creek Conservancy
- State Department of Fish and Game

Sacramento County SAFCA and City of Sacramento have been participating and are expected to sign the MOU.

This CRMP approach to managing the biological and land use elements in the Dry Creek Watershed represents an on-going effort. A proposal submitted to FEMA, the Dry Creek Greenway Plan, has been prepared and will be used to build on this project. Figure No. 1 illustrates the history of development and management efforts within the Dry Creek Watershed.

b. Location

Dry Creek Watershed is located in the American (River) South Basin in the central portion of the Sacramento Valley and the Sierra Nevada Foothills in Placer and Sacramento Counties. Water from Dry Creek enters the Sacramento River immediately upstream of the North Delta Ecological Zone. Figure Numbers 2 and 3 illustrate the location of the Dry Creek Watershed.

c. Expected Benefits

The Dry Creek Watershed Management Plan creates a foundation for evaluation of the many stressors that affect an urbanizing watershed. The result, a multi-agency cooperative management effort by the Dry Creek Watershed Coordinated Resources Management and Planning Group, is better equipped to determine what actions are needed to protect and restore priority habitat and species.

Primary Stressors

Urbanization and the resulting:

- Threat to Priority Species
- Threat to Priority Habitat
- Reduction of Biodiversity
- Hydrograph Alterations
- Increased Nutrient or Carbon Impact
- Increased Risk of Flooding
- Increased Contaminants, Pollutants, and Nutrients and the Resulting Degradation of Water Quality
- Increased Perennial Stream Flows

Priority Species

- Late-fall run Chinook Salmon
- Steelhead Trout

Priority Habitat

- Seasonal Wetland and Aquatic Habitat
- Instream Aquatic Habitat
- Shaded Riverine Habitat

Secondary Species: Selected State and Federally Listed Species in the Dry Creek Watershed

- Western Spadefoot Toad
- California Red-Legged Frog
- Vernal Pool Fairy Shrimp
- Vernal Pool Tadpole Shrimp
- Valley Elderberry Longhorn Beetle
- Northwestern Pond Turtle
- Giant Garter Snake
- Swainson's Hawk
- California Black Rail
- Tricolored Blackbird
- Townsend's Big-Eared Bat
- Dwarf Downingia
- Sanford's Arrowhead
- Ahart's Dwarf Rush

Third party benefits and linkage with other ecosystem restoration programs resulting from the Dry Creek Watershed Management Plan will include:

- Improved food-web potential in the Lower American River and Sacramento River
- Improved water quality in the Sacramento River and North Delta
- Opportunity to export the plan to other urbanizing watersheds
- Improved habitat and nesting areas for migratory waterfowl in and around Folsom Lake
- Opportunity to link with the American River Parkway Restoration Plan

d. Background: Biological and Technical Justification

The Dry Creek Watershed Management Plan is a necessary element to address the impacts and mitigation scenarios in one of the fastest growing areas in the State of California. By coordinating the efforts of numerous agencies and stakeholders through the Dry Creek Coordinated Resource Management and Planning Group under the administration of the Placer County Planning Department, this plan will provide long-term durable benefits:

- Integration of various land use, recreational, flood plain, wildlife and habitat planning efforts
- Increased public awareness of watershed ecology
- Improved down stream water quality, improved food web and improved habitat health
- Consistent multi-jurisdictional planning and zoning
- Coordinated volunteer efforts

e. Scope of Work

Phase No. 1: Project Initiation

- Data Gathering and the compilation of existing information
- Field Survey
- CRMP Sponsored Public Workshop #1
- Project Team Review Meeting
- Consultant Selection

Phase No. 2: Develop Goals and Objectives

Phase No. 3: Prepare Baseline Analysis Report

- Project Area Description
- Baseline Inventory Monitoring and Data Evaluation.
- Goals and Objectives
- Stressor Evaluation
- Priority Species and Habitat
- Baseline Analysis Report

Task No. 4: Develop and Evaluate Alternatives

- Develop Alternatives
- CRMP Sponsored Public Work Shop #2
- Select Preferred Alternatives

Task No. 5: Prepare Dry Creek Watershed Management Plan

- Administrative Draft Plan
- Draft Plan
- CRMP Sponsored Public Workshop #3
- Screencheck Final Plan
- Publish Final Plan

Products and Deliverables

- Baseline Analysis Report
- Administrative Draft
- Draft Dry Creek Watershed Management Plan
- Final Plan

f. Monitoring and Data Evaluation

This proposal is for the development of an adaptive watershed management plan and therefore, monitoring is limited to on-going efforts conducted by members of the Dry Creek Conservancy. Among on-going monitoring projects two, the macro-benthic organism collection program and the salmon and Steelhead Trout inventories, will continue. These data will become part of the data gathering efforts and will be incorporated into goals and objectives.

Additional monitoring efforts will be identified as the master plan develops. Since the Dry Creek watershed Master Plan is an adaptive document, design and implementation of data evaluation and monitoring activities will be a primary objective.

g. Implementability

The Dry Creek Coordinated Resources Management and Planning Group (CRMP) has been specifically organized and authorized to implement resource planning within the watershed. Led by the Placer County Planning Department and supported by agency stakeholders, the CRMP will oversee and implement the planning process. Financial, accounting, administrative and contracting are the responsibility of the Placer County Planning Department. The planning process will use the foundation established by the CRMP members:

- To recruit volunteers
- To administer the project
- To build on existing and proposed planning efforts
- To coordinate land use and zoning policy
- To communicate with stakeholders
- To assemble data and identify data gaps

The plan will set the stage for future actions which will implement the plan, including programs to conduct monitoring.

IV. Costs and Schedules

Total Budget: \$281,100

Budget by Task: Funded by CALFED

III e. Task No. 1: Project Initiation \$6,800

- Data Gathering
- Field Survey
- Public Workshop #1
- Project Team Review Meeting
- Consultant Selection

Task No. 2: Develop Goals and Objectives
\$18,450

Task No. 3: Prepare Baseline Analysis Report
\$139,700

- Project Area Description
- Baseline Inventory
- Goals and Objectives
- Stressor Evaluation
- Priority Species and Habitat
- Baseline Analysis Report

Task No. 4: Develop and Evaluate Alternatives
\$33,950

- Develop Alternatives

- Public Work Shop #2
- Select Preferred Alternatives

Task No. 5: Prepare Dry Creek Watershed Management Plan
\$72,300

- Administrative Draft Plan
- Draft Plan
- Public Workshop #3
- Screencheck Final Plan
- Publish Final Plan

Task No. 6: Project Administration
\$9,900

b. Schedule Milestones: see Table 2.

c. Third Party Impacts.

The Dry Creek Watershed Plan may:

- Effect land use and zoning regulations and impact property values.
- Increase recreational use along restored sections of the watershed.
- Provide Placer and Sacramento Counties with a model for watershed management in other basins.
- Provide CALFED and the Bay-Delta Program with a model for watershed management and public participation in other urbanizing watersheds.
- Increase property values along restored streams.

V. Applicant Qualifications

The Dry Creel Watershed Management Plan will be administered by the Placer County Planning Department and Mr. Fred Yeager. The Dry Creek Coordinated Resources Management and Planning Group will coordinate its efforts with Placer County.

FRED YEAGER

Mr. Yeager is the Placer County Planning Director, responsible for a staff of 30 employees involved in advance planning, environmental review, project review, zoning administration, code enforcement, and day-to-day operations. Mr. Yeager has a B.A. degree from the University of California in Biology and Geography, and considerable graduate work in planning.

He is directly involved in Placer County's extensive advance planning program; the preparation of four new community plans underway this fiscal year. These, as with all the County's recent Community Plans, are comprehensive documents, involving extensive public participation, which address land use, housing, transportation, public services, natural resources, etc.

Mr. Yeager has administered dozens of contracts for the preparation of environmental analysis, open space plans, resource plans, community development block grants, and a variety of other planning related projects.

GINA LANGFORD

Ms. Langford, Senior Planner with the Placer County Planning Department, graduated from the University of California, Irvine in 1979 with a B.A. in Urban Planning. She has several years of planning experience in the public sector including 10 years with the Orange County

Environmental Management Agency, and 7 years with the Placer County Planning Department. She also has 2 years of private sector experience working for the Mission Viejo Development Company in Orange County.

Most recently in Placer County, she has served as project manager for several projects located in the Dry Creek corridor including large scale specific plans and single-family residential planned developments. These projects were located within proximity to sensitive riparian stream environments that required specific design standards and management plans to ensure that the projects' impacts to this significant regional resources were minimized.

LOREN CLARK

Mr. Clark, Senior Planner with the Placer County Planning Department, graduated from Humboldt State University, in 1984 with a degree in Natural Resource Planning.

Mr. Clark has been involved specifically in resource planning efforts, most recently I the Sunset Industrial area of the County. That work has included contract management and extensive coordination with various outside agencies. He was also the lead planner in creating a set of Placer County Wetland Mitigation Banking guidelines that were used as a model for the creation of the privately funded mitigation bank.

Mr. Clark also has extensive experience in the preparation of environmental documents on a wide variety of public and private projects.

Dry Creek CRMP Participants:

The following individuals attend Dry Creek CRMP monthly meetings and participated in the formulation of the draft MOU:

- Martha Crusius, National Park Service
- Gregg Bates, Dry Creek Conservancy
- Rich Gresham, Placer County Resource Conservation District
- Bill Santucci, Placer County Supervisor
- Cindy Paredes, Sacramento County
- John Martinez, California Conservation Corps
- Mark Morse, City of Roseville
- Dennis Huff, Placer County Flood Control and Water Conservation District
- Lynn Johnson, Placer County Environmental Health
- Sara Denzler, California Department of Water Resources
- Robert Hill, Sacramento County Supervisor Roger Dickinson's office
- Grieg Asher, Dry Creek Conservancy
- Katie Palatinus, Adelante High School
- John Nelson, California Department of Fish and Game
- Bill Katen, Rio Linda Elverta Recreation and Park District
- Tara Gee, Sacramento County Parks
- Hillary Straus, Town of Loomis
- Marie Sullivan, U.S. Fish and Wildlife Service
- Susan Prince, Placer County Board of Supervisors office
- Val Conner, Central Valley Regional Water Quality Control Board
- Gina Langford, Placer County Planning
- Rob Burnes, Sacramento County Planning

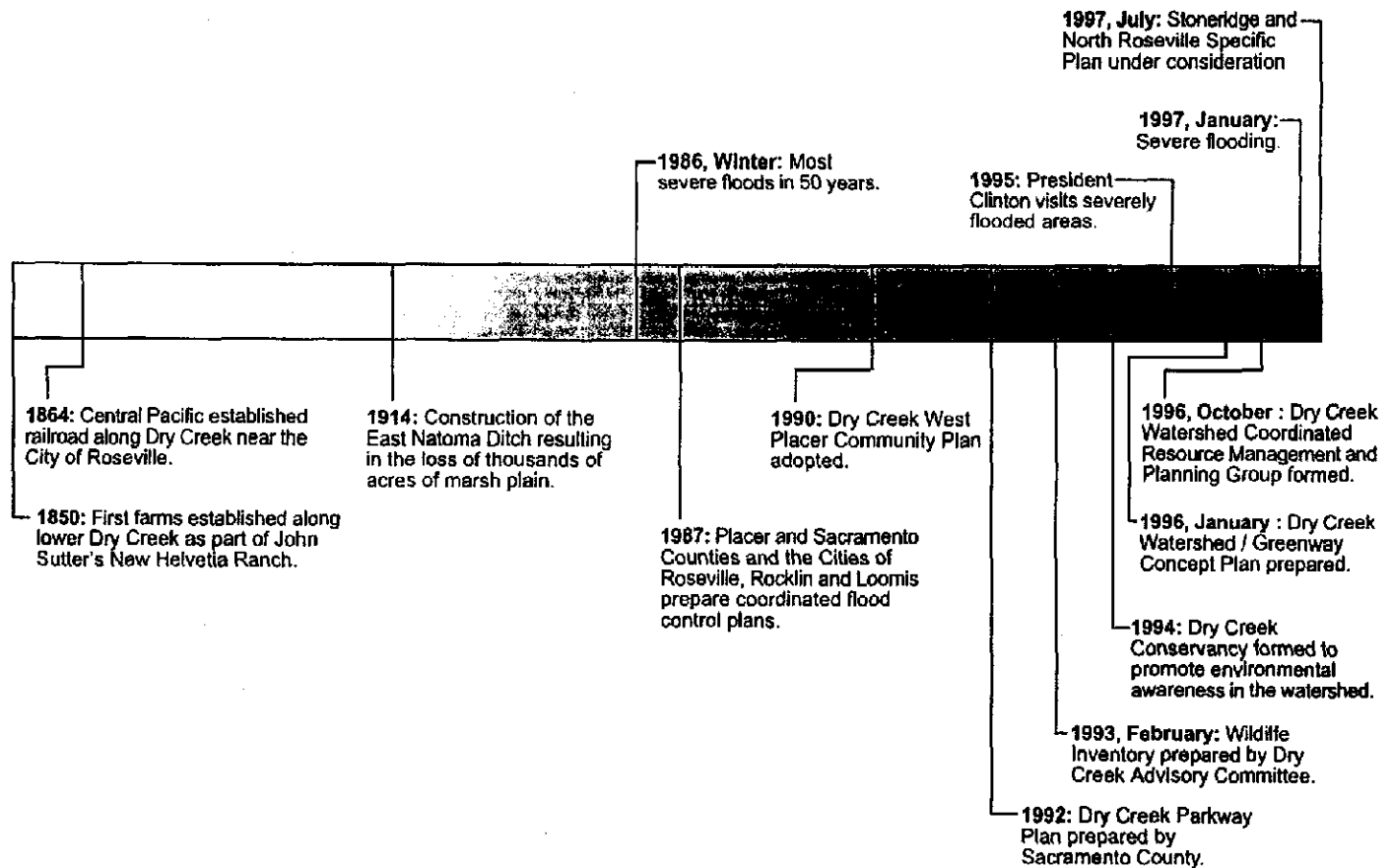
Table 1. Cost Breakdown Table

<u>Project Phase and Task</u>	<u>Direct Labor Hours</u>	<u>Direct Salary and Benefits</u>	<u>Overhead Labor (General Adm. and Fee)</u>	<u>Service Contracts</u>	<u>Materials and Acquisition Contracts</u>	<u>Misc. Costs</u>	<u>Total Costs</u>
Task No. 1 Project Initiation	100	4,200	2,400		0	200	6,800
Task No. 2 Develop Goals and Objectives	200	8,400	4,800	5,000	0	250	18,450
Task No. 3 Prepare Baseline Analysis Report	200	8,400	4,800	125,000	0	1,500	139,700
Task No. 4 Develop and Evaluate Alternatives	200	8,400	4,800	20,000	0	750	33,950
Task No. 5 Prepare Dry Creek Watershed Management Plan	300	12,600	7,200	50,000	0	2,500	72,300
Task No. 6 Project Administration	150	6,300	3,600	0	0	0	9,900
Hourly rate breakdown	Ø	overhead					
Average at \$42./hour	=	salary and benefits					281,100
Average at \$24./hour	=	overhead					

Table 2. Project Schedule and Payment Schedule

<u>Payment Schedule</u>	<u>1997 Payment No.1</u>	<u>1998 Payment No.2</u>	<u>Payment No.3</u>	<u>Payment No.4</u>	<u>Payment No.5</u>	<u>Payment No.6</u>	<u>Payment No.7</u>	<u>END Payment No.8</u>
<u>Payment Schedule</u>								
Task No. 1	6,800							
Task No. 2		15,000	3,450					
Task No. 3			3,200	125,000	11,500			
Task No. 4					23,200	10,750		
Task No. 5						55,000	10,000	7,300
Task No. 6		1,500	1,500	2,000	1,500	1,500	0	1,900
	6,800	16,500	8,150	127,000	36,200	67,250	10,000	9,200

FIGURE 1. DRY CREEK WATERSHED DEVELOPMENT



DRY CREEK REGIONAL PROJECT WATERSHED MANAGEMENT PLAN

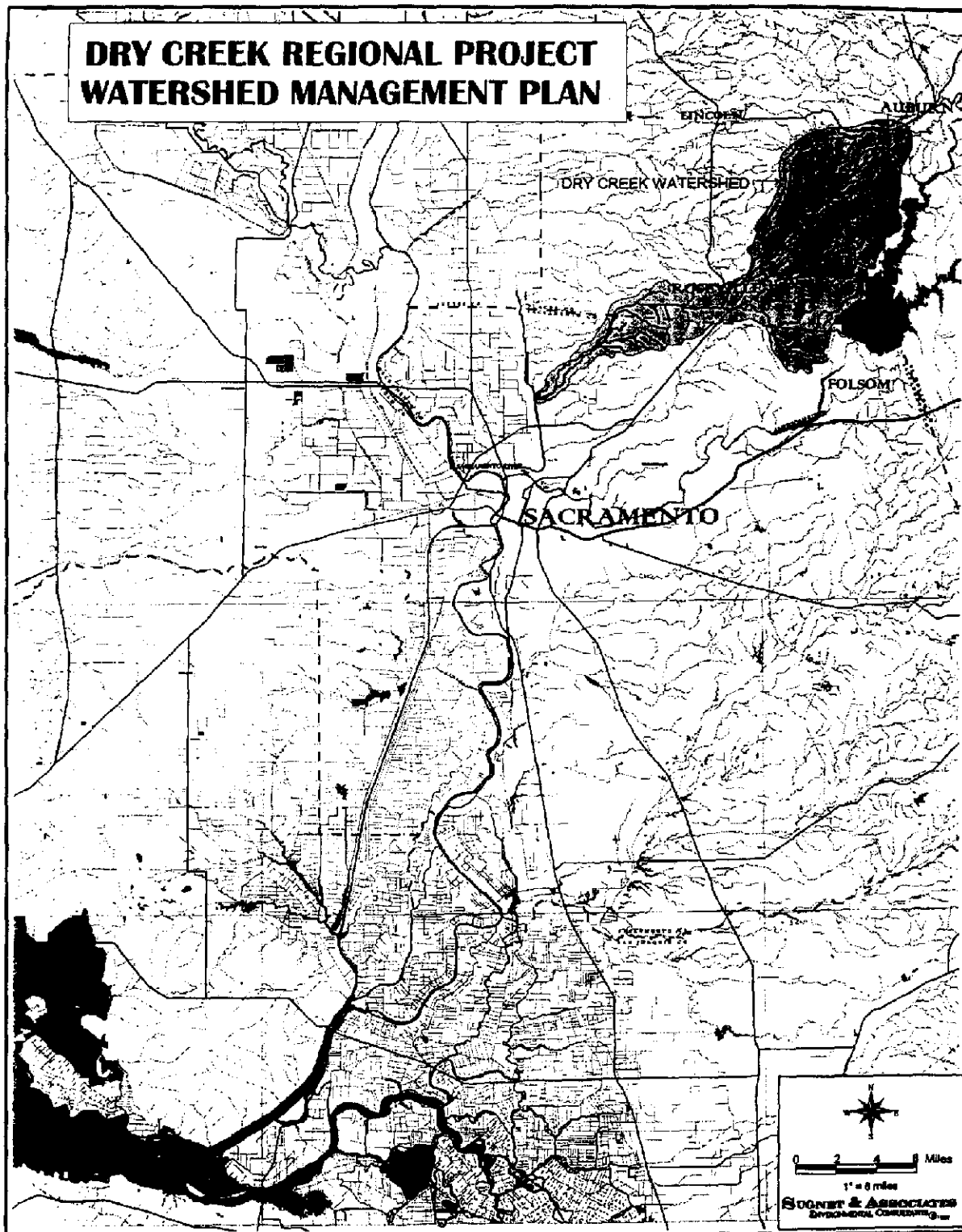
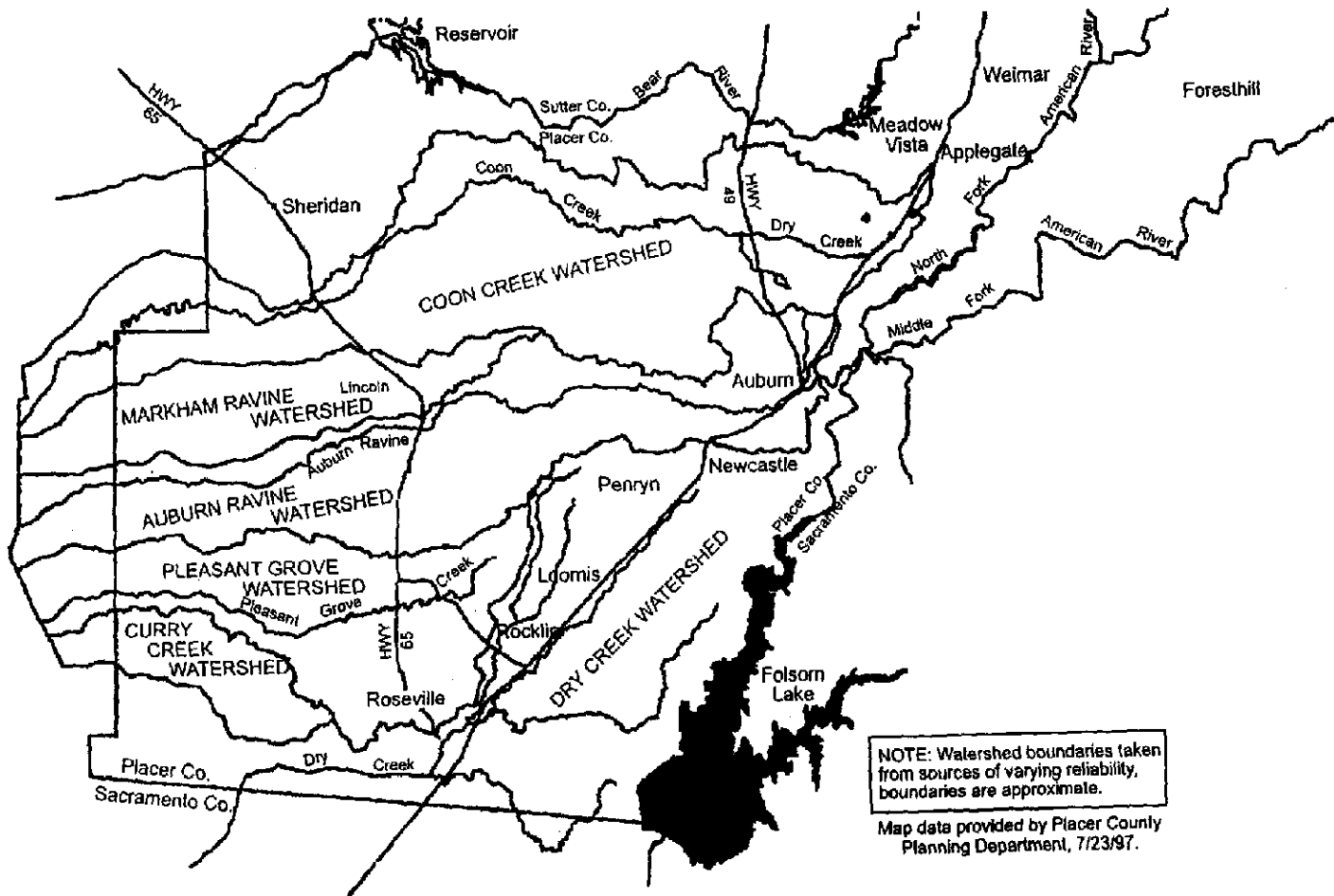


FIGURE 3. WESTERN PLACER COUNTY REGIONAL WATERSHED MAP

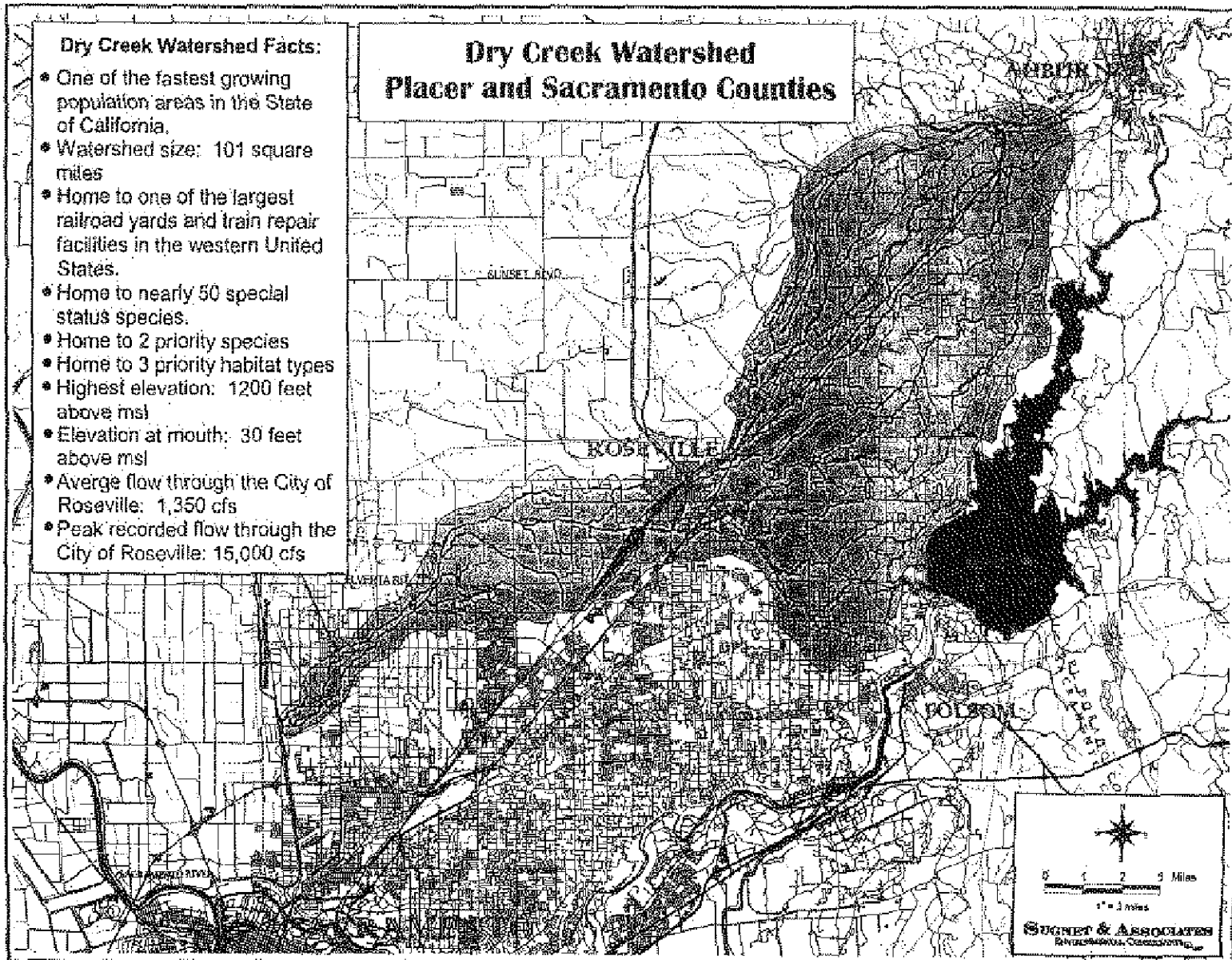


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Dry Creek Watershed Facts:

- One of the fastest growing population areas in the State of California.
- Watershed size: 101 square miles
- Home to one of the largest railroad yards and train repair facilities in the western United States.
- Home to nearly 50 special status species.
- Home to 2 priority species
- Home to 3 priority habitat types
- Highest elevation: 1200 feet above msl
- Elevation at mouth: 30 feet above msl
- Average flow through the City of Roseville: 1,350 cfs
- Peak recorded flow through the City of Roseville: 15,000 cfs

Dry Creek Watershed Placer and Sacramento Counties



NONDISCRIMINATION COMPLIANCE STATEMENT

COMPANY NAME

PLACER COUNTY

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

OFFICIAL'S NAME

GLORIA COUTTS

DATE EXECUTED

JULY 25, 1997

EXECUTED IN THE COUNTY OF
PLACER

PROSPECTIVE CONTRACTOR'S SIGNATURE

PROSPECTIVE CONTRACTOR'S TITLE

ASSISTANT COUNTY EXECUTIVE OFFICER

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

COUNTY OF PLACER